From: "Oakley, Dennis" < Dennis.Oakley@PacifiCorp.com>

To: "DEQ- Mike Herkimer" <mherkimer@utah.gov>, "Edith Van Vleet"

<evanvleet@utah.gov>, "Jeffrey Studenka" <jstudenka@utah.gov>, "Lonnie Shull" <lshull@utah.gov>,

"Mike George" <mmgeorge@utah.gov>
Date: 12/23/2004 3:16:32 PM

**Subject:** DMR Reports for November 2004

<<Nov04cov.pdf>> <<NovDMR04.pdf>>

Dennis Oakley Senior Environmental Engineer

Energy West Mining Company 15 North Main Street P.O. Box 310 Huntington, Utah 84528

Phone: 435.687.4825 Cell: 435.650.9233 Fax: 435.687.2695

e-mail: dennis.oakley@pacificorp.com

Life is what happens to you while you are making other plans.

- A.J. Marshall -

**CC:** "Charles Semborski" <chuck.semborski@pacificorp.com>, "Dennis Oakley" <dennis.oakley@pacificorp.com>, "Douglas Johnson" <Douglas.Johnson@PacifiCorp.com>, "Jim Smith" <jimdsmith@utah.gov>, "Kenneth Fleck" <ken.fleck@pacificorp.com>, "Pam Grubaugh-Littig" <pamgrubaughlittig@utah.gov>

Sheila Morrison - TEXT.htm

Page 1

<<Nov04cov.pdf>> <<NovDMR04.pdf>>

Dennis Oakley

Senior Environmental Engineer

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- A.J. Marshall -



December 23, 2004

Department of Environmental Quality Division of Water Quality 288 North 1460 West P.O. Box 144870 Salt Lake City, UT 84114-4870

## Gentleman:

Enclosed are the monthly discharge reports for the Deer Creek, Des-Bee-Dove, Trail Mountain, and Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of November, 2004. There are two exceedances to report for this month.

The first exceedance was the 30 day average for TSS at the Deer Creek Sediment pond (UT0023604-001). The value for the sample was 40 mg/L. Onlyone sample was taken for the month and does not accurately represent the TSS for the entire month.

The second exceedance was Total Iron for the Deer Creek mine discharge (-002). The value was 1.08 mg/L in which the limit has been set to 1.0 mg/L

If you have any questions concerning this report, please feel free to call either Dennis Oakery at (435) 687-4825 or Chuck Semborski at (435) 687-4720.

Sincerely, Louglas Ephran

 $Douglas\ E.\ Johnson$ 

Manager of Administration and Technical Services

Encl

Cc:

Division of Oil, Gas and Mining
Coal Regulatory Program
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114 -5801
Chuck Semborski, with enclosures
Dennis Oakley
"
Ken Fleck
"

J:\Environmental \UPDES\COVER\2004\Nov04.doc
Huntington Office \Deer Creek Mine
(801) 687 -9821 (801) 381-2317
Fax (801) 687 -2695 Fax (801) 381-2285

Purchasing Fax (801) 687 -9092

Cottonwood Mine (801) 748 -2319 Fax (801) 748 -2380

## **Discharge Monitoring Report** PacifiCorp, Energy West Mining Company Sediment pond outfall into Cottonwood Ck. Address: P.O. Box 310 Huntington, Utah 84528 Facility: Trail Mountain Mine 11/01/2004 11/30/2004 Monitoring Period No Discharge Discharge Number Permit Number $\mathbf{X}$ Quantity or Loading Quantity or Concentration Parameter Average Maximum Units Minimum Average Maximum Units Sample Type 1/30 Measrd Flow Rate 00056 100 mgd Effluent Gross Value 1/30 Grab 00400 100 \*\*\*\*\* \*\*\*\*\* \*\*\*\*\*\* (12) SU Grab Effluent Gross Value ample \*\*\*\*\* \*\*\*\*\* 1/30 Grab Solids, Total Suspended 00530 1 0 0 Effluent Gross Value (19) mg/L Grab 30 day avg iample Aeasurement \*\*\*\*\* \*\*\*\*\* \*\*\*\*\*\* 1/30 Grab Settleable Solids 00545 R 0 0 (25) mL/L \*\*\*\*\*\* Effluent Gross Val ample Measurement Permit 1/30 Grah Iron, Total (as Fe) (19) mg/L Grab Effluent Gross Value Requirement \*\*\*\*\*\* Oil and Grease Grab See Permit Daily max Effluent Gross Valu mg/L ample feasurement \*\*\*\*\* \*\*\*\*\* 1/30 Grab Solids, Total Dissolved (26) (19) mg/L Effluent Gross Value Requirement Daily max lbs/day Daily max \*\*\*\*\* (94) \*\*\*\*\*\* \*\*\*\*\*\* \*\*\*\*\*\* 4/30 Visual Oil and Grease, Visual 84066 1 0 0 Effluent Gross Value yes =1 no=0 Weekly Visual 12/23/2004 Date Name/Title Principal Executive Officer Icertify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, let hiere whe submitted information is the exacutate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See ISLSC paragraph 1319 (. Penalties under these statues include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.) 7 Dee Jense - President InterWest 435 687-9821 Mining Company For Doug Johnson Signature of Principal Executive Officer or Authorized Agent Area Code Number Typed or Printed Comments and explanation of any violations: During storm discharge, sample for settleable solids; Sample for oil and grease is only required when sheen is observed

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			Di	schar	ge Monitor	ing Repor	t					
Name: PacifiCorp, Ener Address: P.O. Box 310 Huntington, Ute Facility: Trail Mountain		Company	UT0023728 Permit Number	]	11/01/2004 Monitori	11/30/2004 ing Period	3		002 ge Number		No Discharge	
Parameter		Quan	tity or Loadin	g	Qı	uantity or Co	ncentration			Frequency of		
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type	
Flow Rate	Sample Measurement				******	******	******	****		2/30	Measurd	
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		twice/month	Estimated	
pН	Sample Measurement	******	******	***		*****				2/30	Grab	
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab	
Solids, Total Suspended	Sample Measurement	******	******	****	******					2/30	Grab	
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	*****	25 30 day avg	70 daily max	(19) mg/L		twice/month	Grab	
Settleable Solids	Sample Measurement	******	******	****	******	******				**	**	
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	0.5 Pair x	(25) mL/L		once/month	Grab	
Iron, Total (as Fe)	Sample Measurement	******	******	****	******	216				2/30	Grab	
01045 10 0 Effluent Gross Value	Permit Requirement	******				ا اللها ا	I.4 Daily max	(19) mg/L		twice/month	Grab	
Oil and Grease	Sample Measurement	******	NO		******	******				**	**	
03582 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab	
Solids, Total Dissolved	Sample Measurement	******	******	****	******	******				2/30	Grab	
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	1200 Daily max	(19) mg/L		twice/month	Grab	
Oil and Grease, Visual	Sample Measurement	******		(94)	******	******	******	****		4/30	Visual	
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual	
Name/Title Principal Ex	ecutive Officer					Date:	12/23/20	004		Telephone		
	Dee Jense - President InterWest Mining Company  Mining Company  18.185 purgaph 100 and 33185 purgaph 119 ( President data of manufacture states are larged to the sun described to the sun of the s											
Typed or Prin	Signature of Principal Executive Officer or Area Code  Number  Area Code  Number											
Comments and explanation Sample for oil and grease			served									

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Name: PacifiCorp, Energanders: P.O. Box 310	gy West Mining (	Company	D	ıschar	ge Monito	rıng Repo	rt				
Huntington, Uta Facility: Deer Creek Min			UT0023604 Permit Number	]	11/01/2004 Monitori	11/30/2004 ing Period	]		001 ge Number		No Discharge
Parameter		Quan	tity or Loadin	g	Qr	uantity or Co	ncentration				
1 ai ainetei		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement	0.1	0.1		******	******	******	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit R equirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated
pН	Sample Measurement	******	*****	****	8.15	******	8.15		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	*****	****	40	40	40		1	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	******	******	****	******	******	N/A		***	**	**
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******	****	*****	0.18	0.18		0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	******	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	******	******	****	******	******	N/A		***	**	**
00556 0 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 180 °C	Sample Measurement	******	1032		******	1090	******		0	1/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	Report 30 day avg	Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******	0	(94)	******	******	******	****	0	4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Exe	cutive Officer				1 4 20 314	Date:	12/23/20	04		Telephone	
Dee Jense - Preside Mining Com		information submitted immediately responsib information is true, acc for submitting false inf 18 USC paragraph 1001	of law that I have personall therein; and based on my ir ble for obtaining the inform curate and complete. I am a formation, including the po I and 33 USC paragraph 131 1,000 and or max imum impris	nquiry of those in nation, I believe aware that there ossibility of fine 19.( Penalti	individuals e the submitted e significant penalties e and imprisonment. See ies under these statutes	Den	Doug Johnson	y	435	687-9	9821
Typed or Prin	ited	5years .)	oo una o maximum ingris	Diane.ni oy bern	cen o months and		rincipal Executive Offi Authorized Agent	icer or	Area Code	Num	nber
Comments and explanation Sample oil and grease only			re is another reason	to believe	oil is present. Fill ir	n N/A when a test	is not performed.				

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Discharge Monitoring Report    American Processing Company   Deer Creek Mine Discharge												
	gy West Mining C	Company						Deer Creek	Mine Discharge			
Address: P.O. Box 310 Huntington, Uta	h 84528		UT0023604	1	11/01/2004	11/30/2004	1		002		No Discharge	
Facility: Deer Creek Mine			Permit Number			ng Period		Dischar	ge Number			
				='			="			•		
Parameter		Quan	tity or Loadin	g	Qı	uantity or Co	ncentration					
1 111 1111111111		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow Rate	Sample Measurement	0.33	0.74		******	******	******	****	0	1/30	Measured	
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated	
рН	Sample Measurement	******	******	****	7.58	******	7.58		0	1/30	Grab	
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab	
Solids, Total Suspended	Sample Measurement	******	******	****	8	8	8		0	1/30	Grab	
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab	
Settleable Solids	Sample Measurement	******	******	****	******	******	N/A		***	*****	*****	
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	*****	****	******	******	0.5 Daily max	(25) mL/L		once/month	Grab	
Iron, Total (as Fe)	Sample Measurement	******	******	****	******	1.08	1.08		1	1/30	Grab	
01045 10 0 Effluent Gross Value	Permit Requirement	******	*****	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab	
Oil and Grease Freon Extr-Grav Method	Sample Measurement	******	******	****	******	******	N/A		***	**	**	
00556 0 0 0 Effluent Gross Value	Permit Requirement	******	*****	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab	
Solids, Total Dissolved 180 °C	Sample Measurement	******	*****	****	******		422		0	1/30	Grab	
70300 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	800 Qrtr avg	1000 Daily max	(19) mg/L		once/month	Grab	
Oil and Grease, Visual	Sample Measurement	******	0	(94)	******	******	******	****	0	4/30	Visual	
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual	
Name/Title Principal Exe	cutive Officer					Date:	12/23/20	04		Telephone		
Dee Jense - Preside Mining Com		information submitted immediately responsib information is true, acc for submitting false info 18 USC paragraph 1001	of law that I have personal herein; and based on my is the for obtaining the information; and complete. I am formation, including the polyand 33 USC paragraph 13 0000 and or max imum impri.	nquiry of those nation, I believ nware that ther ossibility of fin 19.( Penalt	individuals e the submitted e significant penalties e and imprisonment. See ies under these statutes	Den	Doug Johnson	J	435	687-9	9821	
Typed or Prin	ted	5 years .)					incipal Executive Off uthorized Agent	icer or	Area Code	Num	nber	
Comments and explanatio		ns:				•			•			
Sample oil and grease only			re is another reason	to believe	oil is present. Fill in	n N/A when a test	is not performed.					

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			Di	ischarg	ge Monitor	ing Repor	t				
Name: PacifiCorp, Ene Address: P.O. Box 310	rgy West Mining O	Company					Minor				
Huntington, U	tah 84528		UT0022896	1	11/01/2004	11/30/2004	7		001	1	No Discharge
Facility: Cottonwood/V	Vilberg Mine		Permit Number	_	Monitor	ing Period		Dischar	ge Number	]	
	1	1			1						
Parameter		Quan	tity or Loadir	ıg	Qı	uantity or Co	ncentration			Frequency of	
1 111 1111111111		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement	0.03	0.03		******	*****	******	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	******	******	****		once/month	Measured
рН	Sample Measurement	*****	******	***	7.8	******	7.8		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	******	****	< 0.05	< 0.05	< 0.05		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day avg	35 7 day max	70 daily max	(19) mg/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	*****	***	******	******	< 0.05		0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	1.8 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	******	189		******	*****	******	****	0	1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	******	****		once/month	Grab
Oil and Grease	Sample Measurement	******	*****	****	******	*****	N/A		***	**	**
03582 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Oil and Grease, Visual	Sample Measurement	******	0	(94)	******	******	******	****	0	4/30	Visual
84066 0 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual
	Sample Measurement										
	Permit Requirement										
Name/Title Principal E	xecutive Officer					Date:	12/23/20	04		Telephone	
Dee Jense - Presid Mining Cor		information submitted immediately responsi information is true, ac- for submitting false in	of law that I have persona I herein; and based on my ble for obtaining the infor curate and complete. I am formation, including the p 1 and 33 USC paragraph 1	inquiry of those mation, I believ aware that ther ossibility of fin	individuals e the submitted e significant penalties e and imprisonment. See	Den	Doug Johnson	y	435	687-	-9821
			,000 and ormaximum impr			Signature of P	rincipal Executive Off	icer or	Area Code	Nu	mber
Typed or Pri						A	authorized Agent			1 10	
Comments and explanati If oil and grease sheen is			and this must be les	s than 10 m	g/L.						
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Name: PacifiCorp, En Address: P.O. Box 310 Huntington, Uta Facility: Cottonwood/W	h 84528	Company	UT0022896 Permit Number	]	11/01/2004 Monitori	11/30/2004 ing Period	Minor		003 ge Number		No Discharge		
Parameter		Quan Average	tity or Loadir	Units	Q Minimum	uantity or Co	on centration Maximum	Units	N E	Frequency of	C 1.T		
	Sample	Average	iviaxiiliuili	Units	*****	Avelage	******	Units	No. Ex.	Analysis	Sample Type Measured		
Flow Rate 00056 1 0 0	Measurement	Dt	Dt		******	******	******	****		1/30	Measured		
Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	*****	****		once/month	Measured		
pН	Sample Measurement	******	*****	****		******				1/30	Grab		
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	*****	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab		
Solids, Total Suspended	Sample Measurement	*****	*****	****						1/30	Grab		
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	*****	****	25 30 day avg	35 7 day <b>1</b> x	<sup>70</sup> -81 <b>0</b>	(19) mg/I		once/month	Grab		
Settleable Solids	Sample Measurement	*****	*****	****	nie	chi	Ty			1/30	Grab		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	****	<b>A</b>	nia.	******	0.5 Daily max	(25) mL/L		once/month	Grab		
Iron, Total (as Fe)	Sample Measurement	******	****	<b>4</b>	*****					1/30	Grab		
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/I		once/month	Grab		
Solids, Total Dissolved	Sample Measurement	*****			******	******	*****	****		1/30	Grab		
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	******	*****	****		once/month	Grab		
Oil and Grease, Visual	Sample Measurement	******		(94)	*****	******	*****	****		4/30	Visual		
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	*****	******	******	****		Weekly	Visual		
Name/Title Principal Ex	ecutive Officer	I and if and a model	of low that I have more		and an Carilian with	Date:	12/23/2	004		Telephone			
	Dee Jense - President InterWes  Mining Company  Lectify duck penalty of law that I have personally camined and an familiar with the information submitted herein; and based on my inquiry of those individuals immediately respossible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penaltics for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1309. Pervaluise under these												
		statutes include fines months and 5 years .)	up to \$10,000 and or ma	cimum impriso	nment of between 6		rincipal Executive O	fficer or	Area Code	Nι	ımber		
Typed or Pri		1-4:				A	authorized Agent				-		
Comments and explana If oil and grease sheen	-		ken and this mus	st be less tl	nan 10 mg/L.								
Conied from EPA Form 332			Revised 1-02							Page 3 of 6			

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Revised 1-02

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			Di	scharg	ge Monitor	ing Report	t				
	gy West Mining	Company					Minor				
Address: P.O. Box 310 Huntington, Ut	ab 94529		UT0022896	1	11/01/2004	11/30/2004	1		004	i	No Discharge
Facility: Cottonwood/W			Permit Number			ng Period		Dischar	ge Number		
							_				X
Parameter		Quan	tity or Loadin	g	Qı	antity or Co	ncentration			Frequency of	
T til tillicter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	******	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	******	******	****		once/month	Measured
pН	Sample Measurement	******	******	****		******					
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	*****	****			-al O				
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day a	35		(19) mg/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******		**	<b>1115</b> 1	71100					
01045 10 0 Effluent Gross Value	Permit Requirement	******	*****	U.	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	******			******	******	******	****		1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	******	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	*****	******	******	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Ex	ecutive Officer					Date:	12/23/20	04		Telephone	
Dee Jense - Presid Mining Con		information submitted responsible for obtaini accurate and complete information, including	of law that I have personal therein; and based on my it ing the information, I belie e. I am aware that there sign the possibility of fine and graph 1319. ( Penalties m.	nquiry of those we the submitte nificant penalt imprisonment.	individuals immediately d information istrue, ies for submitting false See 18 USC paragraph	Pens	i Oak Doug Johnson	J	435	687-	-9821
			m imprisonment of between				incipal Executive Off uthorized Agent	icer or	Area Code	Nu	mber
Typed or Pri Comments and explanati		nc:							l		
	d grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.										

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			Di	scharg	e Monitori	ng Report					
Name: PacifiCorp, Ene Address: P.O. Box 310	rgy West Mining	Company					Minor				
Huntington, Utal Facility: Cottonwood/W			UT0022896 Permit Number	]	11/01/2004 Monitori	11/30/2004 ng Period	]		005 ge Number		No Discharge
Parameter		Quan	tity or Loadii	ıg	Qı	antity or Co	ncentration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				*****	******	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	*****	*****	****		once/month	Measured
pН	Sample Measurement	*****	******	****		******					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	******	****	******		Ω				
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	******		-71		7 day max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	A l'A		יישק	*****	NR				
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	NU	****	*****	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	*****	****	******						
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****			******	*****	*****	****		1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	*****	*****	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	******	******	*****	****			
84066 1 0 0 Effluent Gross Value	Requirement	*****	0 inst max	yes =1 no=0	******	******	*****	****		Weekly	Visual
Name/Tital Principal Ex	ecutive Officer	I certify under negalty	of law that I have person	nally examined	and am familiar with	Date:	12/23/20	004		Telephone	
Dee Jense - Preside Mining Cor		the information submit immediately responsib information is true, ac for submitting false in	ted herein; and based on	my inquiry of t mation, I believ m aware that the possibility of fi	hose individuals we the submitted here significant penalties and imprisonment.	Dens	Doug Johnson	J	435	687	-9821
T 1 7	. 1	statutes include fines months and 5 years .)	up to \$10,000 and or ma	kimum impriso	nment of between 6		rincipal Executive Of uthorized Agent	ficer or	Area Code	Nu	mber
Typed or Prin Comments and explana		lations:				A					
If oil and grease sheen i			ken and this mus	st be less th	nan 10 mg/L.						

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Revised 1-02

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Nama: DavifiCam Ena	row Wood Mining	Commony	Dis	scnarge	e Monitori	ng Keport		Minor			
Name: PacifiCorp, Ene Address: P.O. Box 310 Huntington, Utal Cottonwood/W	1 84528	Company	UT0022896 Permit Number	j	11/01/2004 Monitori	11/30/2004 ng Period	]	F - Final, C	Combination 002 UM A ge Number		No Discharge
Parameter		Quan	tity or Loadin	g	Qu	antity or Co	ncentration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Solids, Total Dissolved	Sample Measurement				*****	******	******				
70295 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	2000 Daily max	(26) lbs/day	******	*****	******	****		once/month	Grab
	Sample Measurement										
	Permit Requirement		N Fro			46					
	Sample Measurement					ald.	_				
	Permit Requirement			_ [	ייעפון		<u> </u>				
	Sample Measurement		N	0 "		R UV	~				
	Permit Requirement		•		<u> 13. </u>	<b>C</b>					
	Sample Measurement			ref.	יייטע						
	Permit Requirement		FTU								
	Sample Measurement		<b>P</b> *								
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Exc	cutive Officer	Total Control	Clarification			Date:	12/23/2	004		Telephone	
Dee Jense - Preside Mining Con		the information submi immediately responsil information is true, ac for submitting false ir See 18 USC paragrap	formation, including the p h 1001 and 33 USC parag	my inquiry of t nation, I believed a aware that the cossibility of fi raph 1319. ( $Pe$	hose individuals the the submitted the significant penalties and imprisonment. The significant penalties the and imprisonment. The significant penalties and imprisonment. The significant penalties and penalties a	Denn For l	Ooke Doug Johnson		435	687	-9821
Typed or Prin	ted	months and 5 years .)	up to \$10,000 and or max	imum impriso	nment of between 6		incipal Executive Of athorized Agent	fficer or	Area Code	Nu	mber
Comments and explana Total discharge of TDS	tion of any vic		5 shall not exceed	2,000 lbs	/day during draw	down.					
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			Di	scharg	e Monitori	ng Report					
Name: PacifiCorp, End Address: P.O. Box 310	ergy West Mining	Company									
Huntington, Utal Facility: Des Bee Dove !			UTG040022 Permit Number	]	11/01/2004 Monitori	11/30/2004 ng Period	}		001 ge Number	]	No Discharge
Parameter		Quan	tity or Loadii	ıg	Qı	antity or Co	ncentration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate 00056 1 0 0	Sample Measurement				******	******	*****	****			
Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
pН	Sample Measurement	*****	*****	****		*****					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	******				****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	25 30 dz		(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	******	****	nis	GHG	****		****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	****	Ċ		*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******	*****			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	*****	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	******	******					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	******	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	******	*****	*****	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	******	******	*****	***		Weekly	Visual
Name/Title Principal Ex	ecutive Officer	Loartify under panelty	of law that I have person	vally avanginad	and am familiar with	Date:	12/23/20	004		Telephone	
Dee Jense - Presid Mining Cor		the information submit immediately responsib information is true, ac for submitting false in	ted herein; and based on ole for obtaining the infor curate and complete. I are formation, including the	my inquiry of mation, I belie n aware that the possibility of f	those individuals we the submitted here significant penalties line and imprisonment.	Dens	ii Oak	y	435	687	-9821
		statutes include fines	n 1001 and 33 USC parag up to \$10,000 and or ma				Doug Johnsor rincipal Executive Of				
Typed or Prin	nted	months and 5 years .)					uthorized Agent	ncer or	Area Code	Nι	ımber
Comments and explana Oil and grease not to ex			ved. Settleable so	lids shall	be measured duri	ng storm water o	lischarge.				

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			Dis	scharg	e Monitori	ng Report	;					
Name: PacifiCorp, En Address: P.O. Box 310	ergy West Mining	Company		Ü		0 1						
Huntington, Uta Facility: Hunter Coal F			UTG040009 Permit Number	]	11/01/2004 Monitori	11/30/2004 ng Period	3		001 rge Number		No Discharge	
Parameter		Quan	tity or Loadin	g	Qı	antity or Co	ncentration					
Tarameter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow Rate	Sample Measurement				*****	*****	*****	****				
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	*****	*****	****		once/month	Estimated	
pН	Sample Measurement	*****	******	****		*****						
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU				
Solids, Total Suspended	Sample Measurement	*****	******	****	******				****	****	****	
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	******	25 30 day <u>avg</u>	70 daily mars	(19) mg/L		once/month	Grab	
Settleable Solids	Sample Measurement	******	******	****	******	ah2	rue		****			
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	1115	Clie	0.5 Daily max	(25) mL/L		once/month	Grab	
Iron, Total (as Fe)	Sample Measurement	*****	******	U	******	*****			****	****	****	
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month	Grab	
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****						
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	Report Daily max	(19) mg/L		once/month	Grab	
	Sample Measurement	*****		****	*****	*****	*****	****				
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	******	*****	*****	****		Weekly	Visual	
Name/Title Principal Ex	ecutive Officer	Loartificundar panalty	of law that I have person	ally avaminad	l and am familiar with	Date:	12/23/2	004		Telephone		
	Dee Jense - President InterWes  Mining Company  See 18 USC paragraph 1001 and 33 USC paragraph 1309, Popullate under these  See 18 USC paragraph 1001 and 33 USC paragraph 1309 and 39 USC paragraph 130											
Typed or Pri	statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)  Signature of Principal Executive Officer or Authorized Agent  Area Code Number											
Comments and explan		lations:				1						
Oil and grease not to e			ed. Settleable sol	ids shall	be measured duri	ng storm water o	discharge.					

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			Di	scharg	e Monitori	ng Report	t				
Name: PacifiCorp, End Address: P.O. Box 310	ergy West Mining	Company									
Huntington, Uta	h 84528 reparation Plant	ı	UTG040009 Permit Number		11/01/2004 Monitori	11/30/2004 ng Period	3		002 rge Number		No Discharge
Parameter		Quant	tity or Loadir	ıg	Qu	antity or Co	ncentration			F	
Tarameter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				*****	*****	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	*****	*****	****		once/month	Estimated
pН	Sample Measurement	*****	******	****		*****					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****				****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	25 30 day av	70	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	Ric	:Cn	# P-20 .		****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****	lo		******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******	*****			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	******	****	*****	*****	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	******	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	*****	*****	*****	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	******	******	*****	****		Weekly	Visual
Name/Title Principal Ex	ecutive Officer	Loartificumdar papaltu	of law that I have persor	nally avaminad	and am familiar with	Date:	12/23/2	004		Telephone	
	the information submitted hereit; and based on my inquiry of those individuals modified by responsible for obtaining the information to believe the submitted between the submitted for submitting false information is true, accurate and complete. I am aware that there significant penaltics for submitting false information, including the possibility of fine and imprisorment. See BUSC pumagath 130, Penaltics stude; these										
Typed or Pri			up to \$10,000 and or max			Signature of P	rincipal Executive Of uthorized Agent		Area Code	Nı	ımber
Comments and explana		lations:				I	6. *		l	l	
Oil and grease not to ex	-		red. Settleable so	lids shall	be measured duri	ng storm water o	discharge.				

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